

**Amendments to the Claims:** This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1. (Canceled)
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Canceled)
6. (Currently Amended) A transducer-supporting structure, ~~characterized in that said structure at least comprises~~ comprising:
  - a transducer for recording and reproducing information ~~on to~~ and from a medium;
  - a transducer mounting section ~~which is mounted with said transducer and comes into contact with said medium by means of mechanical action or keeps to maintain~~ configured to contact with said medium by means of mechanical action or to maintain a fixed distance from said medium;
  - a suspension which supports said transducer mounting section and elastically positions said transducer in ~~the a~~ direction such as to ~~bring and separate~~ move said transducer close to and from said medium; and
  - a thermal coupling member extending between said transducer and said transducer mounting section for thermally coupling said transducer with said suspension, and
  - said thermal coupling member ~~is being~~ a gel-form substance, and said transducer and said suspension are coupled thermally with each other via said gel-form substance; ~~and~~
  - at least a part of heat generated in said transducer is dissipated through said suspension.
7. (Currently Amended) A transducer-supporting structure, ~~characterized by at least comprising~~:
  - a transducer for recording and reproducing information on to and from a medium;
  - a transducer mounting section mounted with said transducer and configured to contact said medium by means of mechanical action or to maintain a fixed distance from said medium;
  - heat dissipating means ~~is~~ formed integrally with said transducer and providing connection between said transducer and said transducer mounting section; and
  - a suspension for holding said transducer at a desired position with respect to said recording medium.
8. (Currently Amended) The transducer-supporting structure according to claim 7, ~~characterized in that~~ wherein said transducer is an electromagnetic transducer.
9. (Currently Amended) The transducer-supporting structure according to claim 7, ~~characterized in that~~ wherein said transducer is an electro-optical transducer.
10. (Canceled)

11. (Canceled)
12. (Canceled)
13. (Canceled)